

# ACHIEVEMENT



"Achievement is the Measure of Progress,  
the Prophecy of Greater Things"

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ACHIEVEMENTS  
OF  
THE J. G. WHITE ENGINEERING CORPORATION  
AND ASSOCIATES IN  
AMERICAN AND FOREIGN FIELDS



THE J. G. WHITE ENGINEERING CORPORATION  
43 EXCHANGE PLACE, NEW YORK

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ASSOCIATES:

J. G. WHITE & CO., INC., NEW YORK  
THE ENGINEERS CORPORATION, NEW YORK  
THE J. G. WHITE MANAGEMENT CORPORATION, NEW YORK  
J. G. WHITE & CO., LIMITED, LONDON



Power Plant of the Potomac Electric Power Company, Washington, D. C. When our work was completed, the capacity was 36,600 horse power.  
Most of the power for lighting and street railway service in Washington is supplied by this plant

## ACHIEVEMENT IN AMERICAN AND FOREIGN FIELDS



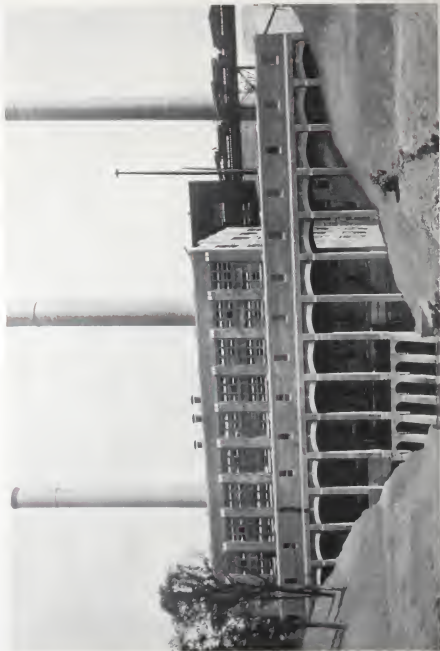
THE following pages are briefly descriptive of some of the more important work performed by The J. G. White Engineering Corporation of New York, in North America and in the insular possessions of the United States, and elsewhere by J. G. White & Co., Ltd., of 9 Cloak Lane, London, E. C., 4. The data given will convey some idea of the broad experience of our company in the design and construction of hydro-electric and steam-electric power plants, transmission systems, electric and steam railroads and other public utilities, as well as in the solution of those problems which almost unfailingly arise in the building of industrial plants.

A staff of highly trained experts, recruited and co-ordinated for a period of over thirty years of world-wide activity in utility and industrial fields, enables us to place at the disposal of clients an organization complete in all essentials, and experienced in the successful handling of the most difficult construction problems from design to operation.

Our Purchasing Department, by reason of its large annual purchases of apparatus, materials and supplies, is in position to secure advantageous prices and to expedite production and shipment.

We are pleased at all times to answer inquiries and discuss the details of prospective business.

THE J. G. WHITE ENGINEERING CORPORATION



The largest steam-electric power plant ever built for the U. S. Government, having a horse-power capacity of 120,000—U. S. Nitrate Plant No. 2, at Muscle Shoals, Alabama



# POWER DEVELOPMENTS

## STEAM POWER PLANTS

### DESIGNING—ENGINEERING—CONSTRUCTION

CLIENT	LOCATION OF PLANT	CAPACITY Horse Power
Anseo Company	Binghamton, N. Y.	300
Atmospheric Nitrogen Company	Syracuse, N. Y.	1,000
Auckland Electric Tramways Company, Ltd.	New Zealand	2,000
Augusta-Aiken Railway & Electric Corp.	Augusta, Ga.	3,500
Belfast Corporation Tramways	Belfast, Ireland	4,500
Bombay Electric Tramways Company, Ltd.	India	14,000
Buenos Aires-Lacroze Electric Tramways Company	Argentina	10,000
Canadian Light & Power Company	Montreal, P. Q.	2,000
Cayuga Power Corporation	Portland Point, N. Y.	2,600
Central Hudson Gas & Electric Company	Poughkeepsie, N. Y.	20,000
Colorado Electric Power Company	Colorado Springs, Col.	2,000
Columbia Railway, Gas & Electric Company	Columbia, S. C.	3,500
Connecticut Company	New Haven, Conn.	10,000
Deep Leads Mines	Australia	1,000
Delaware & Hudson Railroad Company	Mechanicsville, N. Y.	13,500
Detroit, Rochester & Lake Orion Railway	Rochester, Mich.	1,000
Dundee, Broughty Ferry & District Tramways Co.	Scotland	500
Eagle Rock Manufacturing Company	Eagle Rock, N. J.	300
Eastern Pennsylvania Railways Company	Pennsylvania	8,500
Ft. Dodge, Des Moines & Southern Ry. Co.	Iowa	3,500
General Chemical Company	Cleveland, Ohio	1,000
Indiana Northern Traction Company	Indiana	800
Kalgoorlie Electric Light & Power Co.	Kalgoorlie, Australia	3,000
Lackawanna Light Company	Scranton, Pa.	1,500
Lalanc & Grosjean Manufacturing Company	Woodhaven, L. I.	1,000
Manila Electric Railway & Lighting Corp.	Manila, P. I.	21,000
Marconi Wireless Telegraph Company	Honolulu and U. S.	1,500
Merchants Heat & Light Company	Indianapolis, Ind.	11,000
Monterey Light, Heat & Power Company	Monterey, Mexico	1,500
Montevideo United Electric Tramways Co.	Montevideo, Uruguay	6,000
Montreal Street Railway Company	Montreal, P. Q.	8,000
National Spun Silk Company	New Bedford, Mass.	1,000
Netherlands Tramways Corporation	Holland	4,000
Newburg Light, Heat & Power Company	Poughkeepsie, N. Y.	3,500
New York & Queens Electric Light & Power Co.	Long Island City	7,000
No. Melbourne Elec. Tramways & Lt. Co., Ltd.	Australia	1,500
Oklahoma Railway Company	Oklahoma City, Okla.	3,500
Ontario & Western Railroad Company	Mayfield, Pa.	300
Pacific Gas & Electric Company	San Francisco, Cal.	16,000
Pacific Light & Power Corporation	Redondo, Cal.	32,000
Para Electric Railways & Lighting Company	Para, Brazil	3,500
Paxtang Electric Company	Harrisburg, Pa.	1,000
Pernambuco Tramways & Power Company, Ltd.	Brazil	4,000
Perth Tramways Company	Australia	1,500



The Steam Power Plant of the National Spun Silk Company, New Bedford, Mass., is a most modern and scientifically efficient plant



U. S. Government Plant, Nitrate No. 1, Sheffield, Alabama. Capacity 6,500 horse power. War speed was all important and this plant was constructed in six months' time

## STEAM POWER PLANTS-CONTINUED

CLIENT	LOCATION OF PLANT	CAPACITY Horse Power
Potomac Electric-Power Company	Washington, D. C.	38,600
San Joaquin Light & Power Corporation	Bakersfield, Cal.	18,400
San Juan Light & Transit Company	San Juan, P. R.	700
Southern Utilities Company	Florida	1,500
State Capitol	Albany, N. Y.	500
Toledo-Monroe Railway Company	Monroe, Mich.	2,000
Tri-City Railway & Light Company	Moline, Ill.	20,000
U. S. Capitol Heating & Lighting Plant	Washington, D. C.	4,000
United States Government	Sheffield, Ala.	6,500
United States Government	Muscle Shoals, Ala.	120,000
Virginia Western Power Company	West Virginia	4,000
Waltham Gas Light Company	Waltham, Mass.	2,000
Wilkes-Barre Gas & Electric Company	Wilkes-Barre, Pa.	3,500
Wilmington & Philadelphia Traction Co.	Wilmington, Del.	6,000
	TOTAL	466,500



Hydro-Electric Development on the Savannah River, near Augusta, Ga. Built for the Georgia-Carolina Power Company.  
Ultimate capacity, 31,308 horse power; head, 27 feet

# HYDRO-ELECTRIC DEVELOPMENTS

## DESIGNING—ENGINEERING—CONSTRUCTION

PLANT	HEAD Feet	ULTIMATE CAPACITY Horse Power
Bonny Eagle, Maine . . . . .	38	14,400
Central Georgia, Georgia . . . . .	100	27,500
Chittenden, Vermont . . . . .	200	2,250
Comerio Falls, Porto Rico . . . . .	175	3,000
Connecticut River, New Hampshire . . . . .	29	24,000
Dashville, New York . . . . .	42	7,200
Hales Bar, Tennessee . . . . .	34	14,000
Kern River, California . . . . .	210	5,000
La Crosse, Wisconsin . . . . .	91	17,400
Mamo River, Venezuela . . . . .	1,865	3,700
Mt. Hood, Oregon . . . . .	350	20,000
Ocoee River, No. 1, Tennessee . . . . .	110	32,000
Ocoee River, No. 2, Tennessee . . . . .	250	30,000
Oneonta, New York . . . . .	13	500
Parr Shoals, South Carolina . . . . .	35	30,000
Primero River, Argentina . . . . .	136	5,530
San Joaquin, California . . . . .	1,360	24,400
San Marcus, Texas . . . . .	10	500
Sterling, Illinois . . . . .	9	825
Stevens Creek, Georgia . . . . .	27	31,300
Tule River, California . . . . .	1,560	8,000
West Buxton, Maine . . . . .	27	5,360

## DESIGNING—ENGINEERING

Beebe Island, New York . . . . .	32	10,000
St. Timothe, Canada . . . . .	48	72,000

## DESIGNING

Caliraya, Philippine Islands . . . . .	766	46,500
Great Falls, Tennessee . . . . .	110	12,900
Ordenez, Ecuador . . . . .	523	6,200
Mansam Falls, Burma . . . . .	270	8,000

## CONSULTATION

Boulder, Colorado . . . . .	1,860	21,000
Bridgewater, North Carolina . . . . .	120	30,000
Deerfield No. 2, Massachusetts . . . . .	64	8,000
Deerfield No. 3, Massachusetts . . . . .	64	8,000
Deerfield No. 4, Massachusetts . . . . .	64	8,000
Deerfield No. 5, Massachusetts . . . . .	254	21,000
Glenwood, Colorado . . . . .	170	18,000
Grace, Idaho . . . . .	540	40,000
Lules River, Argentina . . . . .	350	4,000
Oneida, Utah . . . . .	140	25,000
Hales Bar, Tennessee . . . . .	34	42,000

TOTAL . . . . .		687,465
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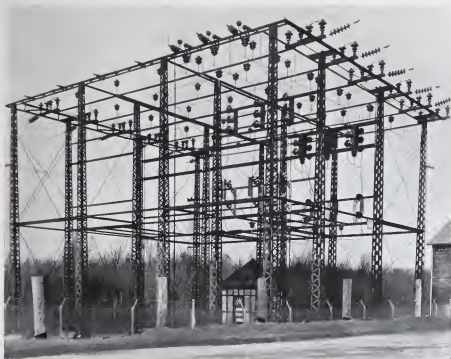
## TRANSMISSION SYSTEMS

### DESIGNING—CONSTRUCTION—CONSULTATION

COMPANY	LOCATION	LENGTH OF LINE	VOLTAGE
Augusta-Aiken Railway & Electric Co.	South Carolina	14	44,000
Buffalo, Lockport & Rochester R. R. Co.	New York	60	70,000
Canadian Light & Power Company	Quebec, Canada	27	44,000
Central Colorado Power Co. (consultation)	Colorado	182	110,000
Central Georgia Power Company	Georgia	64	66,000
Central Hudson Gas & Electric Co.	New York	15	33,000
Connecticut River Power Company	Massachusetts-Vermont	63	66,000
Connecticut River Power Company	Massachusetts	8	19,000
Cordoba Light, Power & Traction Company	Argentina	10	11,000
Cumberland County Light & Power Co.	Maine	18	35,000
Davenport & Muscatine Railway Company	Iowa	30	33,000
Eastern Pennsylvania Railways Company	Pennsylvania	52	35,000
Eastern Tennessee Power Company	Tennessee	8	120,000
Eastern Tennessee Power Company	Tennessee-Georgia	222	70,000
Ft. Dodge, Des Moines & Southern Ry. Co.	Iowa	67	22,000



Connecticut River Transmission Line of the Connecticut River Power Company



Switch Tower, 70,000 volts, Ohioville, N. Y. The United Hudson Electric Corporation

## TRANSMISSION SYSTEMS—CONTINUED

COMPANY	LOCATION	LENGTH OF LINE	VOLTAGE
Georgia-Carolina Power Company	Georgia-S. Carolina . . . . .	7	44,000
La Crosse Water Power Company . . . . .	Wisconsin . . . . .	80	88,000
Porto Rico Railways Company . . . . .	Porto Rico . . . . .	19	22,000
Power Construction Company (consultation) . . . . .	Massachusetts . . . . .	25	70,000
Parr Shoals Power Company . . . . .	South Carolina . . . . .	26	66,000
Quito Electric Light & Power Company	Ecuador, S. A. . . . .	16	23,000
San Joaquin Light & Power Co. (consultation)	California . . . . .	330	10,000
Toledo-Monroe Railway Company . . . . .	Michigan . . . . .	18	15,000
Tri-City Railway & Light Company . . . . .	Iowa-Illinois . . . . .	4	33,000
United Hudson Electric Corporation . . . . .	New York . . . . .	50	70,000
TOTAL . . . . .		1,415	



The distinctive modern Candy Factory of the Confection Lapse Company, Inc., Brooklyn, N. Y.



# INDUSTRIAL PLANTS AND BUILDINGS

CLIENT	CHARACTER OF WORK
Atmospheric Nitrogen Corporation . . . . .	Design and construction of plant for manufacture of 20,000 lbs. anhydrous ammonia per day, Syracuse, N. Y.
Babbitt, B. T. Company . . . . .	Improvements to Company's plant, Babbitt, N. J.
Cardenas-American Sugar Company . . . . .	Improvements to factory, Cuba.
Cayuga Cement Corporation . . . . .	Design and construction of extensions; electrification of manufacturing plant, Portland Point, N. Y.
Central Sugar Corporation . . . . .	Improvements to factory, Cuba.
Commercial Research Company . . . . .	Construction of chemical plant, Niagara Falls, N. Y.
Davis-Durkin Corporation . . . . .	Design for Nitric Acid Plant, Trenton, Ontario, Canada.
Eagle Rock Manufacturing Company . . . . .	Design and construction of manufacturing plant, Verona, N. J.
Gardiner-Lucas Company, Inc. . . . .	Design and construction of manufacturing plant, Brooklyn, N. Y.
General Chemical Company . . . . .	Design and construction of new plants or extensions of present plants at Marcus Hook, Pa., Pittsburgh, Pa., Providence, R. I., Pulaskee, Va., Newell, Pa., El Segundo, Cal., Passaic, N. J., Cleveland, Ohio.
Gulf Sulphur Company . . . . .	Design and construction of sulphur mining plant, Matagorda, Texas.
Goodrich, B. F. & Co. . . . .	Additions to buildings, Akron, Ohio.
Ha! Ha! Bay Sulphite Company . . . . .	Construction of pulp mill, 120 tons per day capacity, Port Alfred, P. Q., Canada.
Lalanc and Grosjean Mfg. Company . . . . .	Betterments to manufacturing plant; new power station, Woodhaven, N. Y.
Leolastic Mills . . . . .	Extensions to power plant, Bayonne, N. J.
Marconi Wireless Telegraph Company . . . . .	Design and construction of wireless stations at: New Brunswick, N. J. Marion, Mass. Sandwich Islands. Belmar, N. J. Chatham, Mass. Bolinas, Cal. Tomas Bay, Cal. Hawaiian Islands.
(This work included engineering and construction of Steam-Electric Power Stations; Wireless Masts; Hotel and Residence Buildings, Etc.)	
Matanzas-American Sugar Company . . . . .	Improvements to factory, Cuba.
Michigan Limestone & Chemical Co. . . . .	Design of steam plant, Rogers, Mich.
Nichols Copper Company . . . . .	Improvements to company's plant, Laurel Hill, L. I.
St. Lawrence Pulp & Lumber Company . . . . .	Extensions to pulp plant, Chandler, P. Q., Canada.
Tidewater Oil Company . . . . .	Construction of oil distributing stations at Springfield, Mass., East Providence, R. I., Hartford, Conn., Salem, Mass.

## INDUSTRIAL PLANTS AND BUILDINGS—CONTINUED

CLIENT	CHARACTER OF WORK
U. S. Government (Army)	Construction of research laboratory, Langley Field, Va.
U. S. Government (Army)	Construction of Langley Aviation Field, Va.
U. S. Government (Army)	Construction of aviation fields, Arcadia, Fla.
U. S. Government (Army)	Engineering and construction of Nitrate Plant No. 1, Sheffield, Ala.
U. S. Government (Army)	Construction of Concentration Camp, Morrison, Virginia.
U. S. Government (Army)	Construction—Industrial housing, Nitrate No. 1, Sheffield, Ala.
U. S. Government (Navy)	Engineering and construction of nitrate plant, Indian Head, Md.



This attractive dwelling is one of many such for industrial housing, near Sheffield, Alabama. During the feverish preparations for war the government took good care of its chemical munitions workers



A town complete had to be set up, with water supply, sanitation systems, light, power, heat, street systems, etc  
Even a school house was built

# ELECTRIC TRACTION

## ENGINEERING—CONSTRUCTION

NAME OF COMPANY	LOCATION	MILES
Aberdeen Suburban Tramways Company	Scotland	5
Albany Southern Railroad Company	New York	13
Alton, Granite & St. Louis Traction Company	Illinois	30
Argentina Tramways & Power Company	Argentina	20
Auckland Electric Tramways Company	New Zealand	30
Augusta-Aiken Railway & Electric Corporation	Georgia-South Carolina	5
Barnsley & District Tramways Company	England	4
Belfast Corporation	Ireland	80
Bexley Heath Urban District Council Tramways	England	5
Bombay Electric Tramways Company	India	44
Bournemouth Corporation	England	23
Buenos Aires Central Railway Company	Argentina	90
Buffalo, Lockport & Rochester Railway Company	New York	54
Buffalo & Niagara Falls Electric Railway Co.	New York	25
Caracas Electric Tramways Company	Venezuela	12
Charleston Street Railway Company	South Carolina	10
Colchester Corporation	England	7
Columbia Railway, Gas & Electric Company	South Carolina	4
Dallas Traction Company	Texas	10
Darlington Corporation	England	10
Dartford Corporation	England	8
Davenport & Muscatine Railway Company	Iowa	45
Derby Corporation	England	12
Detroit, Rochester & Lake Orion Electric Ry. Co.	Michigan	30
Dumbarton & Burgh County Tramways Co., Ltd.	Scotland	14
Dundee, Broughty Ferry & District Tramways Co.	Scotland	10
Eastern Pennsylvania Railway Company	Pennsylvania	13
Edwardsville, Alton & St. Louis Traction Company	Illinois	8
Falkirk & District Electric Tramways Company	Scotland	7
Fort Dodge, Des Moines & Southern Railway Co.	Iowa	50
Helena Light & Railway Company	Montana	6
Indiana Northern Traction Company	Indiana	18
Kalgoorlie Electric Tramways, Ltd.	Australia	6
Lacroze Electric Tramways Company (Buenos Aires)	Argentina	35
Lille Corporation	France	4
Little Rock Traction Company	Arkansas	10
London County Council Tramways	England	60
London United Tramways, Ltd.	England	28
Manila Electric Railroad & Lighting Corporation	Philippine Islands	40
Mansfield & District Light Railway Company	England	12
Middlesex County Council Tramways	England	11
Minneapolis, St. Paul, Rochester & Dubuque Electric Traction Company	Minneapolis	16
Montevideo United Electric Tramways Company	Uruguay	51
Montgomery Traction Company	Alabama	12
Morris County Traction Company	New Jersey	6



Electric Railway, Quito, Ecuador



Electric Railroad Construction, San Juan, Porto Rico

# ELECTRIC TRACTION—CONTINUED

NAME OF COMPANY	LOCATION	MILES
Netherlands Tramways Company, Ltd.	Holland	30
Northampton Corporation	England	10
North Melbourne Electric Tramways Company	Australia	12
Oakland, Antioch & Eastern Railway Company	California	54
Oakland & Antioch Railway Company	California	31
Oklahoma Railway Co. (Extension Yukon to El Reno)	Oklahoma	20
Para Tramways Company	Brazil	35
Pernambuco Tramways & Power Company, Ltd.	Brazil	66
Perth Tramways Company	Australia	20
Peterborough & District Light Railways Company	England	5
Porto Rico Railways Company	Porto Rico	18
Quito Tramways Company	Ecuador	4
Rochdale Corporation	England	18
Rochester, Syracuse & Eastern Railway Company	New York	36
San Juan Light & Transit Company	Porto Rico	10
Santos Improvement Company	Brazil	38
Sheerness & District Light Railways Company	England	4
Shipley Corporation	England	6
Street Railways in Baltimore	Maryland	250
Street Railways in Washington	District Columbia	50
Swindon Corporation	England	4
Toledo & Monroe Electric Railway Company	Michigan	24
Tri-City Railway & Light Company	Iowa-Illinois	10
Wigan Corporation	England	13
Winston-Salem Street Railway Company	South Carolina	10
Wolverhampton-Dudley Electric Tramways Co.	England	10
Worcester & Leominster Railway Company	Massachusetts	15
TOTAL		1,796



Eastern Pennsylvania Railways Company



Port Alfred Wharf, Port Alfred, Canada Berths 1 and 2, north side. Built for La Cie Generale du Port de Chicoutimi

# ENGINEERING INVESTIGATIONS AND REPORTS

## MADE FOR THE FOLLOWING CLIENTS:

CLIENT	NATURE OF WORK
American Gas Co., Philadelphia, Pa.	Steam power plant problems.
American Security & Tr. Co., Washington, D. C.	Report on railway property.
Associated Gas & Electric Co., New York	Various properties.
Bangor & Aroostook Railroad Co., Maine	Reports on property.
Bonbright & Company, New York	Various properties.
Buffalo General Electric Co., Buffalo, N. Y.	Services in connection with rate case.
Capital Issues Committee, Washington, D. C.	Investigation and report.
Cardenas-American Sugar Co., Cardenas, Cuba.	Report on necessary improvements.
Cassatt & Company, Philadelphia, Pa.	Report on Hydro-electric development.
Central New Hampshire Power Co., Maine	Examination various properties, N. H.
Chandler Bros. Co., Philadelphia, Pa.	Various work.
Chicago Savings Bank & Tr. Co., Chicago, Ill.	General reporting work.
City Commissioners, Prince Albert, Canada	Report on Hydro-electric development.
City of Yonkers, New York	Services in connection with railroad.
Clark, Dodge & Co., Chicago, Ill.	Report on public utility properties.
Coggeshall & Hicks, New York	General reporting work.
Columbia Ry., Gas & Electric Co., Columbia, S. C.	Services in connection with rate case, also recommendations for improvements.
The Connecticut Company, New Haven, Conn.	Report on power rate.
Consumers Electric Co., Wilkes-Barre, Pa.	General reporting work.
Cramp, Wm. & Sons, The, Philadelphia, Pa.	General reporting work.
Dominick Bros. & Co., New York	Water power.
Drexel & Company, Philadelphia, Pa.	Various water works properties.
Eastern Pennsylvania Rys. Co., Pottsville, Pa.	Examination of railway, also determining new site for power house.
Elliott-Fisher Co., Harrisburg, Pa.	Study and reports on expansion of plant.
Elmira, Corning & Waverly Ry. Co., New York	Report on property.
Federal Construction Co., Muscatine, Iowa	Proposed water power, Iowa.
Fifth Avenue Building Co., New York	General report on property.
Fitkin, A. E. & Company, New York	Various electric properties.
Freeport Railway Lt. & Power Co., Freeport, Ill.	Report on properties.
Greenleaf-Johnson Lumber Co., Norfolk, Va.	Lumber railroad extension.
Guaranty Trust Company, New York City	Report on public utility property, Cuba.
Harris, Forbes & Company, New York	Reports on public utility properties.
Hudson Power Corporation, New York	Electric power.
Interborough Rapid Transit Co., New York	Report on proposed subway extensions.
Intestate Independent Telephone & Telegraph Company, Toledo, Ohio	General report on property.
Kean, Taylor & Company, New York	Hydro-electric report, Niagara Falls, N. Y.
Klots Throwing Co., New York	Study and report on heating systems.
Kountze Bros., New York	Railroad properties.
Leach, A. B. & Co., New York	Various properties.
Lehigh Paper Mills, Inc., New York	Power conditions.
Lewis & Roth Co., Philadelphia, Pa.	General reporting work.
Luzerne County Gas & Electric Co., Kingston, Pa.	Reports and recommendations.
Mahony & Amaral, Lisbon, Portugal	Report on electrification of steam railroad.
Matanzas-American Sugar Co., Matanzas, Cuba.	Report on necessary improvements.
Mattagami Pulp & Paper Co., Toronto, Canada	Pulp and paper project.

# ENGINEERING INVESTIGATIONS AND REPORTS—CONTINUED

CLIENT	NATURE OF WORK
Milwaukee Electric Railway & Light Co., Milwaukee, Wis.	Certificate for release of property.
Montgomery, Cloth & Tyler, Philadelphia, Pa.	Report gas properties.
Montreal Street Railway Company, Canada	Report on operating conditions.
Morris County Traction Co., Morristown, N. J.	Report on improvements.
New First National Bank, Columbus, Ohio	Report on drainage project.
New York & Queens Electric Light & Power Co., Long Island City	Various work.
Parker, C. D. & Company, Boston, Mass.	Various work.
Pittsburgh Hydro-Electric Co., Pittsburgh, Pa.	Hydro-electric development near Pittsburgh, Pa.
Potter, Choate & Prentice, New York	Report on Canadian properties.
Province of Ontario, Canada	Report on proposed railways.
Redmond & Company, New York	Various work.
Rushmore, Bisbie & Stern, New York	Irrigation development.
Rutland Railroad Company, Rutland, Vt.	Hydro-electric development near Rutland, Vt.
St. Lawrence Pulp & Lumber Co., Chandler, P. Q., Canada	Investigations and report on conditions.
Salomon, William & Company, New York	Report on water power.
San Antonio & Aransas Pass Railway Co., San Antonio, Texas	Report on shops, Texas.
San Joaquin Light & Power Corporation, Los Angeles, Cal.	Report on property.
Sheboygan Light, Railway & Power Co., Sheboygan, Wis.	Inspection and recommendations regarding stokers, etc., at company's plant.
Shore Line Electric Railway Co., Norwich, Conn.	Report on power situation.
Southern Utilities Company	Various properties in the south.
Southwestern Power & Light Co., Texas	Engineering services in connection with certificate of capital expenditures.
Spencer Trask & Company, New York	Various properties.
Stadacona Hydraulic Co., Quebec, Canada	General Hydro-electric report.
Standard Cotton Co. of America, Philadelphia, Pa.	Report on cotton treatment.
United Gas & Electric Corporation, New York	General report on properties.
United Light & Railways Co., Grand Rapids, Mich.	Report on all properties.
U. S. Mortgage & Trust Company, New York	Report on Water & Electric Company.
Utah & Grand Canyon Railroad Co., Utah	Steam railroad, Utah.
Vancouver Harbor & Dock Extension Company, Vancouver, B. C.	Report on development of company's property.
Virginia-Carolina Power Co., Roanoke River, N.C.	Hydro-electric development.
Virginia-Western Power Co., Clifton Forge, Va.	Future development of property.
Waco-Temple Interurban Association, Waco and Temple, Texas	Reports and estimates in connection with electric road.
Wayne County Gas & Elec. Co., Penn Yan, N. Y.	Report on property including replacement value.





Hydro-Electric Development at Dashville, N. Y. Dam and Power House



Port Alfred Wharf, Port Alfred, Canada. Most of the piles used are about 100 feet long

## PROPERTY VALUATIONS

APPROXIMATING A TOTAL OF \$750,000,000 HAVE BEEN MADE FOR THE  
FOLLOWING COMPANIES:

COMPANY	LOCATION OF PROPERTY
Albany Southern Railroad Company . . . . .	New York.
American Gas & Electric Company . . . . .	Several States.
American Power & Light Company . . . . .	Texas.
Associated Gas & Electric Company . . . . .	New York and Ohio.
Atlantic Coast Line Railroad Company . . . . .	Southern States.
Big Muddy Coal Syndicate . . . . .	Illinois.
Binghamton Heat, Light & Power Company . . . . .	Binghamton, N. Y.
Black River Traction Company . . . . .	Watertown, N. Y.
California Telephone & Light Company . . . . .	California.
Capital Traction Company . . . . .	Washington, D. C.
Carolina Power & Light Company . . . . .	North Carolina.
Central California Gas Company . . . . .	California.
Central California Traction Company . . . . .	California.
Citizens Electric Illuminating Company . . . . .	Pittston, Pa.
Citizens Gas & Electric Company . . . . .	Iowa.
Claremont Power Company . . . . .	New Hampshire.
Coalinga Water & Electric Company . . . . .	Coalinga, Cal.
Coast Counties Light & Power Company . . . . .	Santa Cruz, Cal.
Colonial Power & Light Company . . . . .	Vermont.
Colorado Power Company . . . . .	Colorado.
Columbia Railway, Light & Power Company . . . . .	Columbia, S. C.
County Electric Company . . . . .	New Philadelphia, Ohio.
El Paso Gas Company . . . . .	El Paso and Waco, Texas.
Engineering Securities Corporation . . . . .	Cuba.
Fairmont & Clarksburg Traction Company . . . . .	West Virginia.
Framingham Gas Company . . . . .	Massachusetts.
Fresno City Water Company . . . . .	Fresno, Cal.
Galveston Gas Company . . . . .	Galveston, Texas.
Housatonic Power Company . . . . .	Connecticut.
Illinois Traction Company . . . . .	Illinois and St. Louis.
Kentucky & West Virginia Power Company (Williamson) . . . . .	West Virginia.
Kimberly-Clark Company . . . . .	Wisconsin Water Powers.
Lacey, H. G. Company . . . . .	Hanford, Cal.
Livermore Water & Power Company . . . . .	Livermore, Cal.
Los Angeles Railway Company . . . . .	Los Angeles, Cal.
Marin Water & Power Company . . . . .	San Raphael, Cal.
Merchants Heat & Light Company . . . . .	Indianapolis, Ind.
Midland Counties Gas & Electric Company . . . . .	Pasa Robles, Cal.
Midway Light & Power Company . . . . .	Maricopa, Cal.
Modesto Gas Company . . . . .	Modesto, Cal.
Mohawk Hydro-Electric Company . . . . .	Gloversville, N. Y.
Monterey Light & Power Company . . . . .	Monterey, Cal.
Mt. Whitney Power & Electric Company . . . . .	California.
Natick Gas & Light Company . . . . .	Massachusetts.
Nebraska Power Company . . . . .	Omaha, Nebraska.
New York & Queens Light & Power Company . . . . .	New York.

# PROPERTY VALUATIONS—CONTINUED

COMPANY	LOCATIONS OF PROPERTY
North American Pulp & Paper Corporation . . . . .	New Hampshire.
North Michigan Water Company . . . . .	Escanaba, Mich.
North Texas Gas Company . . . . .	Texas.
Northern California Power Company . . . . .	California.
Northern Electric Company . . . . .	California.
Northern New York Utilities Company . . . . .	New York.
Oil Belt Power Company . . . . .	Texas.
Pacific Gas & Electric Company . . . . .	California.
Pacific Light & Power Corporation . . . . .	California.
Pacific Power & Light Company . . . . .	Washington-Idaho-Oregon
Pennsylvania Utilities Company . . . . .	Easton and Bangor, Pa.
Port Huron Electric Light Company . . . . .	Port Huron, Mich.
Richmond Light & Power Company . . . . .	Richmond, Cal.
Rock Island Southern Railway Company . . . . .	Illinois.
St. Cloud Water Power Company . . . . .	St. Cloud, Mich.
St. John Electric Light & Railway Company . . . . .	St. John, N. B.
San Francisco-Oakland Terminal Railways Company . . . . .	Oakland, Cal.
San Joaquin Light & Power Corporation . . . . .	California.
Santa Barbara Gas & Electric Company . . . . .	California.
Santa Maria Gas & Power Company . . . . .	Santa Maria, Cal.
Southern California Gas Company . . . . .	California.
Southern Power Company . . . . .	North and South Carolina.
Southwestern Power & Light Company . . . . .	Texas.
Spring Valley Water Company . . . . .	California.
Stockton Electric & Gas Company . . . . .	Stockton, Cal.
Susquehanna Light & Power Company . . . . .	Susquehanna, Pa.
Texas Power & Light Company . . . . .	Texas.
Toledo & Indiana Railway Company . . . . .	Indiana.
Trenton & Mercer Company Traction Corporation . . . . .	Trenton and vicinity.
United Light & Railway Company . . . . .	Several States.
United Service Company . . . . .	Several States.
United States Government . . . . .	Eddystone, Pa.
Wayne County Gas & Electric Company . . . . .	Penn Yan, N. Y.
West Boston Gas Company . . . . .	Massachusetts.
Western Water Company . . . . .	Bakersfield, Cal.
Wilkes-Barre Railway Company . . . . .	Wilkes-Barre, Pa.
Winnipeg Electric Railway Company . . . . .	Winnipeg, Canada.
Wisconsin Gas & Electric Company . . . . .	Wisconsin.
Yonkers Railroad Company . . . . .	New York.



U. S. Government Gas Plant at Silefield, Alabama. Gas house; two tanks with capacity of 300,000 and 75,000 cubic feet respectively

CONTRACTS HAVE BEEN EXECUTED FOR THE FOLLOWING CLIENTS COVERING

## SALE, PURCHASE AND INSPECTION

OF VARIOUS TYPES OF APPARATUS,  
MATERIAL AND SUPPLIES

CLIENT	LOCATION
Alabama Power Company	Birmingham, Ala.
Allis-Chalmers Manufacturing Company	Milwaukee, Wis.
American Brake Shoe & Foundry Company	New York, N. Y.
American Brass Company	New York, N. Y.
American Locomotive Company	New York, N. Y.
Ames Shipbuilding & Drydock Company	Seattle, Wash.
Ana Maria Sugar Company	Mayaguez, Porto Rico.
Ateliers de Construction-Oerlikon	Oerlikon, Switzerland.
Anthracite Bridge Company	Seranton, Pa.
Babcock & Wilcox Company	New York, N. Y.
Baldwin Locomotive Works	Philadelphia, Pa.
Bausch & Lomb Optical Company	Rochester, N. Y.
Braden Manufacturing Company	New York, N. Y.
Brown Boveri & Company	Baden, Switzerland.
Buffalo Contractors Plant Corporation	Buffalo, N. Y.
Caibarien-Remedios Water Works Company	Caibarien, Cuba.
Central Azucarera del Zulia	Maracibo, Venezuela.
Citizens Light, Heat & Power Company	Johnstown, Pa.
Columbia Railway, Gas & Electric Company	Columbia, S. C.
Compagnie Electro Mecanique	Le Bourget, France.
Crocker Wheeler Company	Ampere, N. J.
De Roll, Louis, Iron & Steel Works, Ltd.	Gerlafingen, Switzerland.
Dominion Bridge Company	Lachine, Quebec, Canada.
Down Town Mines Company	St. Louis, Mo.
Eddystone Ammunition Corporation	Eddystone, Pa.
Framerician Industrial Development Company	New York, N. Y.
Galdo, M. & Company	Cardenas, Cuba.
General Electric Company	Schenectady, N. Y.
General Vehicle Company	New York, N. Y.
Gorham Manufacturing Company	New York, N. Y.
Graff, Washburn & Dunn	New York, N. Y.
Guayaquil & Quito Railway Company	Ecuador, S. A.
Hall Switch & Signal Company	New York, N. Y.
Hoffman, E. J. & Sons	Thorne, Switzerland.
Imperial Japanese Navy	Japan.
Iskowskoff Suckau & Company	Moscow, Russia.
Italian Army Commission	New York, N. Y.
Keystone Watch Case Company	Newark, N. J.
Lake Torpedo Boat Company	Bridgeport, Conn.
Latrobe Electric Steel Company	New York, N. Y.
Ludford, E. H.	Caracas, Venezuela.
Marlin Arms Corporation	New Haven, Conn.
Messina Transvaal Development Company, Ltd.	Messina, Transvaal, S. Afr.

# SALE, PURCHASE AND INSPECTION—CONTINUED

CLIENT	LOCATION
Midvale Steel Company . . . . .	Philadelphia, Pa.
Morgan Engineering Company . . . . .	Alliance, Ohio.
Nicola Romeo & Company . . . . .	Milan, Italy.
Northern Electric Company . . . . .	Montreal, P. Q., Canada.
Norwegian Government Food Commission . . . . .	Norway.
Nova Scotia Steel & Coal Company . . . . .	New Glasgow, Nova Scotia.
Otis Elevator Company . . . . .	Yonkers, N. Y.
Poole Engineering & Machine Company . . . . .	Baltimore, Md.
Purchasing Association of Swiss Machine Manufacturers and Metal Workers . . . . .	Zurich, Switzerland.
Quito Tramways Company . . . . .	Quito, Ecuador.
Russian Supply Committee . . . . .	New York, N. Y.
Russo-Baltic Car Works . . . . .	New York, N. Y.
Schneider & Compagnie . . . . .	France.
Simmons Machine Company . . . . .	New York, N. Y.
Simplex Automobile Company . . . . .	New Brunswick, N. J.
Societe Cooperative Suisse des Charbons . . . . .	Switzerland.
Standard Shipbuilding Corporation . . . . .	New York, N. Y.
Staten Island Shipbuilding Company . . . . .	Staten Island, N. Y.
Sulzer Freres . . . . .	Winterthur, Switzerland.
Swiss Federal Railways . . . . .	Switzerland.
Tampa Shipbuilding & Engineering Corporation . . . . .	Tampa, Florida.
U. S. Cartridge Company . . . . .	Lowell, Mass.
United States Government—U. S. Army.	
Valencia Tramways Company . . . . .	Valencia, Venezuela.
Venezuela Sugar Company . . . . .	Maracaibo, Venezuela.
Westinghouse Air Brake Company . . . . .	Wilmerding, Pa.
Westinghouse Electric & Manufacturing Company . . . . .	East Pittsburgh, Pa.
Worthington Pump & Machinery Corporation . . . . .	New York, N. Y.

# THE J. G. WHITE ENGINEERING CORPORATION

43 EXCHANGE PLACE, NEW YORK

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